

PATENT  
Customer No. 22,852  
Attorney Docket No. 07481.0047

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Hideo TAKEZOE et al. ) Group Art Unit: Not Assigned  
Application No.: 10/575,238 ) Examiner: Not Assigned  
Filed: April 10, 2006 )  
For: LASER OSCILLATION ) Confirmation No.: Not Assigned  
ELEMENTS )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage in an international application.

Copies of the listed documents are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

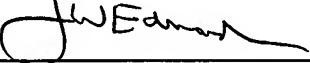
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 10, 2006

By:   
James W. Edmondson  
Reg. No. 33,871

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	07481.0047
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**Complete if Known**

Application Number	10/575,238
Filing Date	April 10, 2006
First Named Inventor	Hideo TAKEZOE et al.
Art Unit	Not Assigned
Examiner Name	Not Assigned

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2002/0118710	08/29/02	Kopp et al.	
		US-			

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.****FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 06-318766	11/15/94	Sano et al.		Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		International Search Report	
		Ozaki, R., et al., "Optical Properties and Laser Action in One-dimensional Periodic Dielectrics Containing Liquid Crystal as Defect Layer," <i>Proc. 7<sup>th</sup> Intl. Conf. Properties &amp; Applns. of Dielectric Materials</i> , June 1-5, 2003, pp. 528-531	
		Kopp, V. I., "Low-threshold lasing at the edge of a photonic stop band in cholesteric liquid crystals," <i>Optics Letters</i> , Vol. 23, No. 21 (November 1, 1988), pp. 1707-1709	
		Ozaki, M., et al., "Defect Mode within Stop Band of Cholesteric Liquid Crystal and Laser Action," <i>J. Soc. Elect. Mat. Eng.</i> , Vol. 11, No. 2 (2002), pp. 164-167	
		Zhu Z., et al., "Conjugated Polymer Liquid Crystal Solutions: Control of Conformation and Alignment," <i>J. Am. Chem. Soc.</i> , 2002, 124, 9670-9671	

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.